

| <b>CLAIMS ONLY</b>                                                                                            |      |                        |      |                        |      |  | SERIAL NO.   | FILING DATE |
|---------------------------------------------------------------------------------------------------------------|------|------------------------|------|------------------------|------|--|--------------|-------------|
|                                                                                                               |      |                        |      |                        |      |  | APPLICANT(S) |             |
| <div style="display: flex; justify-content: space-between;"> <span>04/11/05</span> <span>CLAIMS</span> </div> |      |                        |      |                        |      |  |              |             |
| AS FILED                                                                                                      |      | AFTER<br>1st AMENDMENT |      | AFTER<br>2nd AMENDMENT |      |  |              |             |
| IND.                                                                                                          | DEP. | IND.                   | DEP. | IND.                   | DEP. |  |              |             |
| 1                                                                                                             |      |                        |      |                        |      |  |              |             |
| 2                                                                                                             |      |                        |      |                        |      |  |              |             |
| 3                                                                                                             |      |                        |      |                        |      |  |              |             |
| 4                                                                                                             |      |                        |      |                        |      |  |              |             |
| 5                                                                                                             |      |                        |      |                        |      |  |              |             |
| 6                                                                                                             |      |                        |      |                        |      |  |              |             |
| 7                                                                                                             |      |                        |      |                        |      |  |              |             |
| 8                                                                                                             |      |                        |      |                        |      |  |              |             |
| 9                                                                                                             |      |                        |      |                        |      |  |              |             |
| 10                                                                                                            |      |                        |      |                        |      |  |              |             |
| 11                                                                                                            |      |                        |      |                        |      |  |              |             |
| 12                                                                                                            |      |                        |      |                        |      |  |              |             |
| 13                                                                                                            |      |                        |      |                        |      |  |              |             |
| 14                                                                                                            |      |                        |      |                        |      |  |              |             |
| 15                                                                                                            |      |                        |      |                        |      |  |              |             |
| 16                                                                                                            |      |                        |      |                        |      |  |              |             |
| 17                                                                                                            |      |                        |      |                        |      |  |              |             |
| 18                                                                                                            |      |                        |      |                        |      |  |              |             |
| 19                                                                                                            |      |                        |      |                        |      |  |              |             |
| 20                                                                                                            |      |                        |      |                        |      |  |              |             |
| 21                                                                                                            |      |                        |      |                        |      |  |              |             |
| 22                                                                                                            |      |                        |      |                        |      |  |              |             |
| 23                                                                                                            |      |                        |      |                        |      |  |              |             |
| 24                                                                                                            |      |                        |      |                        |      |  |              |             |
| 25                                                                                                            |      |                        |      |                        |      |  |              |             |
| 26                                                                                                            |      |                        |      |                        |      |  |              |             |
| 27                                                                                                            |      |                        |      |                        |      |  |              |             |
| 28                                                                                                            |      |                        |      |                        |      |  |              |             |
| 29                                                                                                            |      |                        |      |                        |      |  |              |             |
| 30                                                                                                            |      |                        |      |                        |      |  |              |             |
| 31                                                                                                            |      |                        |      |                        |      |  |              |             |
| 32                                                                                                            |      |                        |      |                        |      |  |              |             |
| 33                                                                                                            |      |                        |      |                        |      |  |              |             |
| 34                                                                                                            |      |                        |      |                        |      |  |              |             |
| 35                                                                                                            |      |                        |      |                        |      |  |              |             |
| 36                                                                                                            |      |                        |      |                        |      |  |              |             |
| 37                                                                                                            |      |                        |      |                        |      |  |              |             |
| 38                                                                                                            |      |                        |      |                        |      |  |              |             |
| 39                                                                                                            |      |                        |      |                        |      |  |              |             |
| 40                                                                                                            |      |                        |      |                        |      |  |              |             |
| 41                                                                                                            |      |                        |      |                        |      |  |              |             |
| 42                                                                                                            |      |                        |      |                        |      |  |              |             |
| 43                                                                                                            |      |                        |      |                        |      |  |              |             |
| 44                                                                                                            |      |                        |      |                        |      |  |              |             |
| 45                                                                                                            |      |                        |      |                        |      |  |              |             |
| 46                                                                                                            |      |                        |      |                        |      |  |              |             |
| 47                                                                                                            |      |                        |      |                        |      |  |              |             |
| 48                                                                                                            |      |                        |      |                        |      |  |              |             |
| 49                                                                                                            |      |                        |      |                        |      |  |              |             |
| 50                                                                                                            |      |                        |      |                        |      |  |              |             |
| TOTAL IND.                                                                                                    | 4    |                        | 1    |                        |      |  |              |             |
| TOTAL DEP.                                                                                                    | 8    |                        | 16   |                        |      |  |              |             |
| TOTAL CLAIMS                                                                                                  | 12   |                        | 17   |                        |      |  |              |             |
| 51                                                                                                            |      |                        |      |                        |      |  |              |             |
| 52                                                                                                            |      |                        |      |                        |      |  |              |             |
| 53                                                                                                            |      |                        |      |                        |      |  |              |             |
| 54                                                                                                            |      |                        |      |                        |      |  |              |             |
| 55                                                                                                            |      |                        |      |                        |      |  |              |             |
| 56                                                                                                            |      |                        |      |                        |      |  |              |             |
| 57                                                                                                            |      |                        |      |                        |      |  |              |             |
| 58                                                                                                            |      |                        |      |                        |      |  |              |             |
| 59                                                                                                            |      |                        |      |                        |      |  |              |             |
| 60                                                                                                            |      |                        |      |                        |      |  |              |             |
| 61                                                                                                            |      |                        |      |                        |      |  |              |             |
| 62                                                                                                            |      |                        |      |                        |      |  |              |             |
| 63                                                                                                            |      |                        |      |                        |      |  |              |             |
| 64                                                                                                            |      |                        |      |                        |      |  |              |             |
| 65                                                                                                            |      |                        |      |                        |      |  |              |             |
| 66                                                                                                            |      |                        |      |                        |      |  |              |             |
| 67                                                                                                            |      |                        |      |                        |      |  |              |             |
| 68                                                                                                            |      |                        |      |                        |      |  |              |             |
| 69                                                                                                            |      |                        |      |                        |      |  |              |             |
| 70                                                                                                            |      |                        |      |                        |      |  |              |             |
| 71                                                                                                            |      |                        |      |                        |      |  |              |             |
| 72                                                                                                            |      |                        |      |                        |      |  |              |             |
| 73                                                                                                            |      |                        |      |                        |      |  |              |             |
| 74                                                                                                            |      |                        |      |                        |      |  |              |             |
| 75                                                                                                            |      |                        |      |                        |      |  |              |             |
| 76                                                                                                            |      |                        |      |                        |      |  |              |             |
| 77                                                                                                            |      |                        |      |                        |      |  |              |             |
| 78                                                                                                            |      |                        |      |                        |      |  |              |             |
| 79                                                                                                            |      |                        |      |                        |      |  |              |             |
| 80                                                                                                            |      |                        |      |                        |      |  |              |             |
| 81                                                                                                            |      |                        |      |                        |      |  |              |             |
| 82                                                                                                            |      |                        |      |                        |      |  |              |             |
| 83                                                                                                            |      |                        |      |                        |      |  |              |             |
| 84                                                                                                            |      |                        |      |                        |      |  |              |             |
| 85                                                                                                            |      |                        |      |                        |      |  |              |             |
| 86                                                                                                            |      |                        |      |                        |      |  |              |             |
| 87                                                                                                            |      |                        |      |                        |      |  |              |             |
| 88                                                                                                            |      |                        |      |                        |      |  |              |             |
| 89                                                                                                            |      |                        |      |                        |      |  |              |             |
| 90                                                                                                            |      |                        |      |                        |      |  |              |             |
| 91                                                                                                            |      |                        |      |                        |      |  |              |             |
| 92                                                                                                            |      |                        |      |                        |      |  |              |             |
| 93                                                                                                            |      |                        |      |                        |      |  |              |             |
| 94                                                                                                            |      |                        |      |                        |      |  |              |             |
| 95                                                                                                            |      |                        |      |                        |      |  |              |             |
| 96                                                                                                            |      |                        |      |                        |      |  |              |             |
| 97                                                                                                            |      |                        |      |                        |      |  |              |             |
| 98                                                                                                            |      |                        |      |                        |      |  |              |             |
| 99                                                                                                            |      |                        |      |                        |      |  |              |             |
| 100                                                                                                           |      |                        |      |                        |      |  |              |             |
| TOTAL IND.                                                                                                    |      |                        |      |                        |      |  |              |             |
| TOTAL DEP.                                                                                                    |      |                        |      |                        |      |  |              |             |
| TOTAL CLAIMS                                                                                                  |      |                        |      |                        |      |  |              |             |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR AMENDMENTS

FORM PTO-3022 (1-98)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office